

IN THE CLAIMS

Please amend the claims as shown below.

1. (Cancelled).
2. (Cancelled).
3. (Cancelled).
4. (Cancelled).
5. (Cancelled).
6. (Cancelled).
7. (Cancelled).
8. (Cancelled).
9. (Cancelled).
10. (Cancelled).
11. (Cancelled).
12. (Cancelled).
13. (Cancelled).
14. (Cancelled).

15. (Cancelled).

16. (Cancelled).

17. (Cancelled).

18. (Cancelled).

19. (Cancelled).

20. (Currently Amended) A method of accessing a first of a plurality of logical volumes stored on ~~at least one of~~ a plurality of storage elements, wherein each of the plurality of storage elements is a unitary storage system comprising at least one storage device, wherein at least one of the plurality of volumes is stored on each of the plurality of storage elements, the method comprising steps of:

determining an enterprise logical volume identifier (ELVID) ~~ELVID~~ for the first logical volume, wherein the ELVID uniquely identifies the first logical volume among the plurality of logical volumes; and

using the ELVID to access the logical volume.

21. (Original) The method of claim 20, wherein the step of determining comprises a step of mapping a host configuration address to the ELVID.

22. (Original) The method of claim 21, wherein the step of mapping comprises a step of using a database to translate the host configuration address to the ELVID.

23. (Original) The method of claim 20, wherein the step of using comprises a step of mapping the ELVID to a physical location address.

24. (Original) The method of claim 23, wherein the step of mapping comprises a step of using a database to translate the host configuration address to the ELVID.

25. (Currently Amended) The method of claim 20, wherein the step of using comprises a step of specifying the ELVID in a request to access the first logical volume.

26. (Currently Amended) The method of claim 20, wherein the method is for a host computer to access the first logical volume and wherein the step of using comprises a step of employing the host computer to map the ELVID to a storage location address.

27. (Currently Amended) A host computer for use in a computer system that includes a plurality of storage elements storing a plurality of logical volumes, wherein each of the plurality of storage elements is a unitary storage system comprising at least one storage device, wherein at least one of the plurality of logical volumes is stored on each of the plurality of storage elements, the host computer comprising:

a processing unit; and

an enterprise logical volume identifier (ELVID) ~~ELVID~~ interface module to translate requests for access to a first logical volume of the plurality of logical volumes to an ELVID for the first logical volume that uniquely identifies the first logical volume among the plurality of logical volumes.

28. (Currently Amended) The host computer of claim 27, further comprising a module to translate the ELVID to a physical storage location for the first logical volume.

29. (Original) The host computer of claim 27, further comprising means for maintaining an ELVID database.

30. (Currently Amended) A host computer for use in a computer system that includes a plurality of storage elements storing a plurality of logical volumes, wherein each of the plurality of storage elements is a unitary storage system comprising at least one storage device, wherein at

least one of the plurality of logical volumes is stored on each of the plurality of storage elements,
the host computer comprising:

a processing unit; and

an enterprise logical volume identifier (ELVID) ~~ELVID~~ module to translate an ELVID for a first logical volume of the plurality of logical volumes to a physical storage location for the first logical volume, wherein the ELVID uniquely identifies the first logical volume among the plurality of logical volumes.

31. (Currently Amended) A storage management controller to manage access to data at least one of a plurality of logical volumes stored on a plurality of storage elements, wherein each of the plurality of storage elements is a unitary storage system comprising at least one storage device, wherein at least one of the plurality of logical volumes is stored on each of the plurality of storage elements, the controller comprising:

an access management module to provide access to the at least one of the plurality of logical volumes ~~stored on the storage elements~~ by providing a physical storage address associated with an enterprise logical volume identifier (ELVID) ~~ELVID~~ for the respective at least one of the plurality of logical volumes, wherein the ELVID for the at least one of the of the plurality of logical volumes uniquely identifies the at least one of the plurality of logical volumes among the plurality of logical volumes.

32. (Currently Amended) The storage management console of claim 32, further comprising an ELVID assignment module to assign the ELVID[[s]] to the at least one of the plurality of logical volumes.

33. (Currently Amended) A computer system, comprising:

a plurality of host computers;

a plurality of storage elements to store a plurality of logical volumes thereon, wherein each of the plurality of storage elements is a unitary storage system comprising at least one storage device, wherein at least one the plurality of logical volumes is stored on each of the plurality of storage elements; and

means for assigning an enterprise logical volume identifier (ELVID) ~~ELVIDs~~ to at least one of the plurality of logical volumes to be accessed by the host computers, wherein the ELVID for the at least one of the plurality of logical volumes uniquely identifies the at least one of the plurality of logical volumes among the plurality of logical volumes ~~and stored on the storage elements~~.

34. (Currently Amended) The computer system of claim 33, further comprising:

means for using the ELVID[[s]] to access the at least one of the plurality of logical volumes.

35. (Original) The computer system of claim 33, further comprising:

means for maintaining a database of ELVIDs for corresponding logical volumes.